



FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		ATTY. DOCKET NO. 0171-1014P	APPLICATION NO. 10/647,481
		APPLICANT Noriyuki MEGURIYA et al.	
		FILING DATE August 26, 2003	GROUP Unknown 1712

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Ypp	US 2002/0105728	A1	2002-08-08	Yamaguchi et al.		X	
Ypp	US 4,547,544		1985-10-15	Allardice		X	
	US						
	US						
	US						
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	US						
	US						

## FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
EPO	04-314771	A	1992-11-05	JAPAN		X	abs	
EPO	62-173220	A	1987-07-30	JAPAN		X	abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER <i>Ruth Pay</i>	DATE CONSIDERED 4/8/04
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8/26/03

Sheet 1 of 1 (8/26/03)

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)			ATTY DOCKET NO. 0171-1014P	APPLICATION NO. New				
			APPLICANT MEGURIYA, Noriyuki, et al.					
			FILING DATE August 26, 2003	GROUP 1712				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
Kyp	US 4,678,688		1987-07-07	ITOH ET AL.				
	US							
	US							
	US							
	US							
	US							
	US							
	US							
	US							
	US							
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
Kyp	JP 63-60071	B2	1988-11-22	JAPAN			ABS	
	JP 3-11248	B2	1991-02-15	JAPAN			ABS	
	JP 2-9069	B2	1990-02-28	JAPAN			ABS	
	JP 6-86584	B2	1994-11-02	JAPAN			ABS	
	JP 2-49082	A	1990-02-19	JAPAN			ABS	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
EXAMINER	Kyp Feng			DATE CONSIDERED	4/81/04			
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